

Please add the following new claims 35-46:

---

35. A display device comprising:
- a first light-transmissive sheet having an outer surface and an inner surface;
  - a second light-transmissive sheet having an outer surface and an inner surface;
  - wherein one or both of said inner surfaces of said light-transmissive sheets are hydrophobic;
  - one or more measures of a light-transmissive liquid;
  - a sealed space between the inner surface of the first sheet and the inner surface of the second sheet, the liquid being enclosed within said sealed space;
  - a plurality of multi-colored light filters comprising a plurality of differently-colored elements being associated with each measure of liquid;
  - a plurality of electrical elements, located adjacent to, but electrically insulated from, each liquid measure; and
  - a power supply;
  - a microprocessor or other suitable means coupled to the power supply and the electrical elements, capable of selectively controlling the electrical potential delivered to each of said electrical elements so as to create an electric field affecting each measure of liquid, thereby inducing a change in the location or shape of said affected liquid measures, and thereby causing light passing through said liquid measures to be directed onto or through selected colored areas of said multi-colored light filters;
36. The device of claim 35, further incorporating a light source in the device;
37. The device of claim 36, wherein one of the sheets is light reflecting, and the plurality of multi-colored light filters are located closer to the light source than is the light-reflecting material.
38. The device of claim 35, wherein one of the sheets is light reflecting, and the plurality of multi-colored light filters are located closer to an external light source than is the light-reflecting material.

39. The device of claim 35, further incorporating a second light transmissive liquid which is immiscible with the first liquid, where one liquid is polar, and the other liquid is non-polar.

40. The device of claim 35, wherein the hydrophobic properties of one or both inner surfaces immediately adjacent to each liquid measure vary, so that each liquid measure will, in the absence of an electric field inducing a different effect, and within the scope of movement permitted it, seek to locate itself adjacent to the area of lowest hydrophobic properties, but wherein an electrical field of variable strength can be used to act in opposition to the influence of said hydrophobic properties, and to induce a controllable change of shape or location of the liquid measure so as to refract light onto selected regions of adjacent multi-colored filters.

41. The device of claim 35, wherein a resistant electrode is located adjacent to, but electrically insulated from, each measure of liquid, so that the application of electrical potential to said electrode can induce an electric field of variable strength across different locations proximate to said liquid measures, said electric field affecting said measure of liquid so as to controllably induce a change of shape or location in the measure of liquid, which is simultaneously being affected by the hydrophobic properties of the inner surface adjacent to it, as well as by the electric field affecting it.

42. The device of claim 35, wherein a perimeter limiting the scope of movement of each measure of liquid is achieved by treating the surface of one or more of said inner surfaces of said sheets adjacent to each of said liquid measures, so that the hydrophobic properties of said perimeter area is greater than those existing elsewhere within the perimeter on the inner surfaces of said sheets.

43. The device of claim 35, further comprising a stylus having an electrical switch electrically coupled to and capable of individually activating each of the plurality of electrical elements, whereby activation of the stylus switch and movement of the stylus in proximity of the first sheet will cause any particular measure of liquid to move to a position such that different colors may selectively be displayed.